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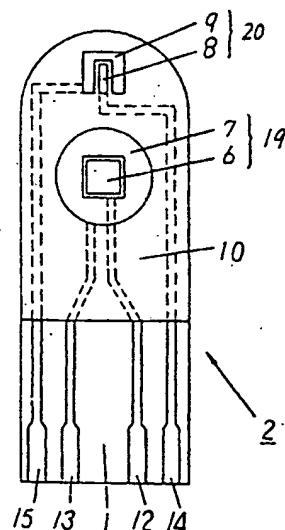
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(54) A biosensor and a method for measuring a concentration of a substrate in a sample.

(57) The present invention provides a biosensor comprising an electrical insulating substrate, a main electrode system formed on the substrate and having a working electrode and a counter electrode, a reaction layer provided in contact with or in the vicinity of the main electrode system and containing an oxidoreductase, and a sub electrode system as a reference provided with an interval from the main electrode system and having a working electrode and a counter electrode.

Fig. 1



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## EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	EP-A-0 127 958 (GENETICS INTERNATIONAL, INC.) ---		C12M1/40 C12Q1/26 G01N27/327
A	EP-A-0 359 831 (MATSHITA ELECTRIC INDUSTRIAL CO.) ---		
D, P, A	EP-A-0 502 504 (MATSHITA ELECTRIC INDUSTRIAL CO; LTD.) -----		

The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner
THE HAGUE	6 December 1993	Cartagena y Abella, P

CATEGORY OF CITED DOCUMENTS	
X : particularly relevant if taken alone	T : theory or principle underlying the invention
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